



In this space, show facsimile of

STATUTORY DECLARATION Registration of Fittings

I, Joel Feldman		, Vice President of Engineering	as it will appear on the fitting.				
(name of applicant)		(position title) (must be in a position of authority)	Swanolak				
of _	Swagelok Company		Cwagelok				
	led at 20500 Calca Band Cal	(name of manufacturer)					
local	led at 29500 Solon Road, Solo	on, Ohio 44139 USA (see Attachment A) (plant address)					
	olemnly declare that the fittings ck one)	s listed hereunder, which are subject to the Safety	Codes Act				
\boxtimes	comply with the requirements of ASME B31.1 and ASME B31.3 which specifies the dimensions, (title of recognized North American Standard)						
	materials of construction, p	ressure/temperature ratings and identification ma	rking of the fittings, or				
	are not covered by the provisions of a recognized North American standard and are therefore manufactured						
	to comply with	a	is supported by the attached				
	(title of	code of construction or other applicable document)					
	data which identifies the din	nensions, materials of construction, pressure/temp	perature ratings and the basis				
	for such ratings, and the ma	arking of the fittings for identification.					
I furt	her declare that the manufactu	ure of these fittings is controlled by a quality control	ol program which has been				
	ied by the following authority, E		ole for the manufacture of				
		d. The fittings covered by this declaration, for which					
In su	- The state of the	(brief description of fittings) bllowing information, calculations and/or test data at the same of th					
2014	LARED before me at 50	in the State of	(province or state)				
this (prin	oth day of 0	(Month) (Year)					
, M	(a Commissioner of Oaths or N	Notary Public) Resident Portage County Notary Public, State of Ohio					
(sign	Lume & Pes	My Commission Expires: 03/06/2019	Toll				
9.7	(a Commissioner of Oaths or N	lotary Public) (signature	of applicant)				
For	ABSA Office Use Only:	Vigoro Victoria					
NOT	Es: See the attachol she	ects (Attochments A&B) has scape a	Lvegistration				
		pelief, the application meets the requirements of the accepted for registration in Category	ne Safety Codes Act and CSA				
Regi	stration Number: $0\mathrm{C}21$	L 018 · 52 (Signature of	the Administrator/SCO)				
Date	Registered: FEB 2	5 2019 Expiry Date: January	ry 22, 2029				
	formation you provide is necessary only ure Equipment Discipline.	for the administration of the programs as required by the Alberta S					



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Attachment B: Scope of CRN Registration for Swagelok Bellows-Sealed, B Series Valves (Category C) FEB 25 2019

Product Scope

This document represents the scope of Bellows-Sealed, B Series Valves covered by this submission for CRN approval. These Bellows-Sealed, B Series Valves have been evaluated in accordance with ASME B31.1 and B31.3 for unlisted components.

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Table 1 - Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material	Port Connections and Sizes	Maximum Allowable Working Pressure		Design Code of
Series				@100°F	At Max. Temp.	Construction
4B eB	Body, Bonnet, Bonnet nut	316 SS (ASTM A479)	Tube Socket &Butt Weld 1/4", 3/8", 1/2", 3/4" Male VCR 1/4", 1/2" Butt Welded Female VCR 1/4", 1/2"	1000 psig	BG1:400 psig@600°F BW2:200 psig@900°F BK3:830 psig@200°F	ASME B31.1 (Unlisted Components) and
4B, 6B, 8B (*see below)		Alloy 400 N04400 (ASTM B164)		700 psig	BG¹:375 psig@500°F BW²:375 psig@500°F BK³:610 psig@200°F	
8.6		Brass C36000 (ASTM B16)	Tube Fitting 1/4",3/8",1/2", 6mm, 10mm, 12mm Tube Socket &Butt Weld 1/4", 3/8", 1/2", 3/4"	1000 psig	BG¹:150 psig@400°F BK³:710 psig@200°F	
	Body, Bonnet, Bonnet nut	316 SS (ASTM A479)	Tube Fitting -1/4",3/8",1/2", 6mm, 10mm, 12mm Tube Socket & Butt Weld 1/4", 3/8", 1/2", 3/4" Male VCR 1/4", 1/2" Butt Welded Female VCR 1/4", 1/2"	Normally closed: 125 psig Normally open: 500 psig Double actuating: 700 psig Maxwell M	Max temp = 200°F, WP same as 100°F	ASME B31.1 (Unlisted Components) and ASME B31.3 (Unlisted Components)
4BK, 6BK, 8BK (1 Series Air Actuated)		Alloy 400 N04400 (ASTM B164)			Normally closed: 125 psig@200°F Normally open: 500 psig@200°F Double actuating: 610 psig@200°F	
		Brass C36000 (ASTM B16)	Tube Fitting 1/4",3/8",1/2", 6mm, 10mm, 12mm Tube Socket & Butt Weld 1/4", 3/8", 1/2", 3/4"		Max temp = 200°F, WP same as 100°F	

^{*} Mode of operation: hand operated and 3 series air actuated (all materials), 5 series air actuated (316 and Alloy 400 only)

¹ BG Series has a gasket body-to-bellows seal

² BW Series has a welded body-to-bellows seal

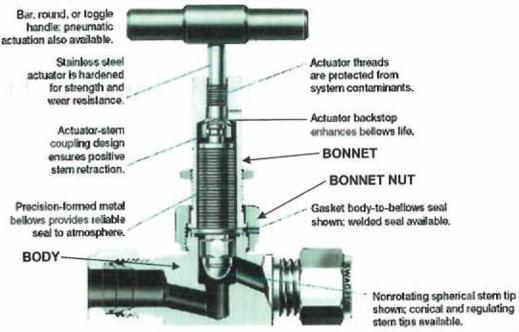
³ BK Series has a PCTFE (soft) stem tip and a gasket bonnet seal

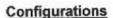
Swagelok

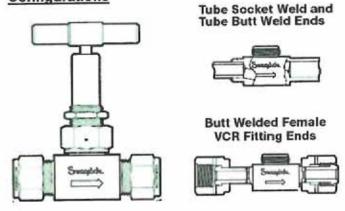
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Product Description

All B Series Valves have the same features as shown below.

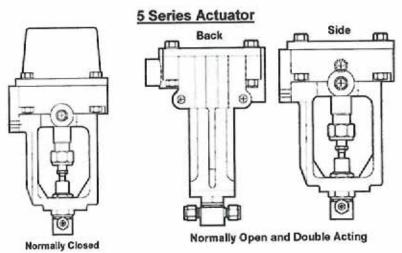






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Product Options:

The B Series valve stem tips and gaskets listed below affect pressure and/or temperature ratings shown in the above Summary Table, but in all cases the ratings are less than those shown below:

Stem Tips

- Alloy K-500 (regulating)
- Alloy K-500 (conical)
- Chrome-plated 316 SS (regulating)
- Cobalt-based alloy (spherical)
- PCTFE (conical)

Gaskets

- PTFE-coated 316 SS
- Silver-plated 316 SS
- PTFE-coated alloy 400
- Silver-plated alloy 400

Additional options and non-pressure boundary alterations that do not affect pressuretemperature ratings may be made available within the scope of this registration. Examples of these would include, but not be limited to, handle options, indicator switches, actuators, etc.

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

The product catalog does not represent the full scope of the registration but rather details some of the most common options.

Bellows-Sealed Valves, B Series Catalog – MS-01-22, R13

Attachment A. Swagelok Manufacturing Locations

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This document lists the Swagelok locations where end item or component level manufacturing activities take place.

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Swagelok Company	Swagelok Company (Falon 1)
29500 Solon Road	348 Bishop Road
Solon, Ohio 44139	Highland Heights, Ohio 44143
USA	USA
Swagelok Company (Highland)	Swagelok Company (Falon 2)
318 Bishop Road	358 Bishop Road
Highland Heights, Ohio 44143	Highland Heights, Ohio 44143
USA	USA
Swagelok Company (OFC)	Swagelok Company (HPF)
29495 F.A. Lennon Drive	6050 Cochran Road
Solon, Ohio 44139	Solon, Ohio 44139
USA	USA
Swagelok Company (Atlantic)	Swagelok Company (Snow Metal)
26651 Curtiss Wright Parkway	6060 Cochran Road
Willoughby Hills, Ohio 44092	Solon, Ohio 44139
USA	USA
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139
Swagelok Hose Services Company (SHSC)	Swagelok Company (Strongsville)
29900 Solon Industrial Parkway	15400 Foltz Road
Solon, Ohio 44139	Strongsville, Ohio 44119
Swagelok (China) Fluid System Technologies Ltd.	Swagelok Limited
Changshu Export Process Zone	Baliafletcher Road
Changshu Economic Development Zone	Tromode
Changshu, Jiangshu	IM4 4RA
215513 China	Isle of Man